

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:52 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 392 Const Calendar Day: 112 Date: 24-Sep-2012 Monday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:30 AM 08:00 PM Break: 00:30 Over Time: 05:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

Phase 1 Load Transfer

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Phase-1 load transfer (LT) step 6b-Adj was completed (started Saturday)
- Phase-1 LT step 7a-Adj was completed
- Phase-1 LT step 7b-Adj was completed
- Phase-1 LT step 8a-Adj was completed
- Phase-1 LT step 8b-Adj was completed
- Phase-1 LT step 9a-Adj was completed
- Phase-1 LT step 10a-Adj was completed
- Phase-1 LT step 11a-Adj was started
- Re-tensioning of cable band (CB) bolts

Today I was inspecting the LT suspender jacking operation on the South cable. See the diaries of Laraine Woo, Sami Daouk, P. Jalali, & F. Carpio for additional details for the South cable suspender jacking as they were also inspecting this work. See the diary of others for information on the North cable suspender jacking & CB bolt tensioning.

- I arrived at the pier 7 office at 06:30, & was on the bridge at 06:50.
- Throughout the entire shift, I inspected the suspender jacking on the South cable, including monitoring jack pressures & measuring RJLs. 3 crews were jacking on the suspenders on the South cable.
- From 07:00 until 07:40, jacking on the LT step 6b-Adj suspenders on the South cable was ongoing.
- From 07:40 until 09:20, jacking on the LT step 7a-Adj suspenders on the South cable was ongoing.
- From 09:20 until 11:25, jacking on the LT step 7b-Adj suspenders on the South cable was ongoing.
- From 11:25 until 11:40, they did a lift-off to check the pressure at all phase-1 suspenders.
- From 11:40 until 13:55, jacking on the LT step 8a-Adj suspenders on the South cable was ongoing.
- From 13:55 until 15:25, jacking on the LT step 8b-Adj suspenders on the South cable was ongoing.
- From 15:25 until 17:00, jacking on the LT step 9a-Adj suspenders on the South cable was ongoing.
- From 17:00 until 18:10, jacking on the LT step 10a-Adj suspenders on the South cable was ongoing.
- From 18:10 until the end of the shift, jacking on the LT step 11a-Adj suspenders on the South cable was ongoing.
- At 19:10, the crews wrapped up their tools to end the shift.
- Note: Each time the crews were jacking on any suspenders, we observed the pressure gauge to ensure that they stayed within the do-not-exceed (DNE) pressure. The maximum suspender jacking pressure observed today was 7900 psi (at PP74S), which was well within the DNE of 9069 psi.
- Note: After the suspender jacking, we measured all of the remaining jacking lengths (RJLs) to make sure they were in accordance with the LT plan submittal. Each of the RJL measurements was close to the



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theoretical numbers in the LT plan submittal.

- At 19:20, I left the bridge.

- From 19:30 until 19:45, I compiled the jacking pressure data & the RJL measurement data that was collected today on the South cable. This data left in the drop box to be input into the master spreadsheet by office personnel.

- From 19:45 until 20:00, I wrote my diary for the day & checked email.

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04-0120F4

Bid Item: 067

C-SUS-BGS.067

Attach BG Lifts to Suspenders

AMERICAN BRIDGE/FLUOR, A JV